

## ABSTRACT

An object of the invention is to provide a pressure sensor, an object detecting system and an opening and closing system which realize the improvement in efficiency of sealing work on end portions of the pressure sensor and which are fabricated at low costs, as well as a pressure sensor fabricating method which requires no complex and troublesome steps.

A pressure sensor (17) includes a pressure sensing means (a piezoelectric sensor (33)) for detecting a deformation due to an external force and a sensor accommodation body (a support means (35)) which incorporates therein the pressure sensing means and which is made from a thermoplastic elastomer, and the sensor accommodation body is sealed off at at least one end portion thereof through a thermal treatment.